Flootech

Creating value by cleaning water

FlooDaf® Microflotation

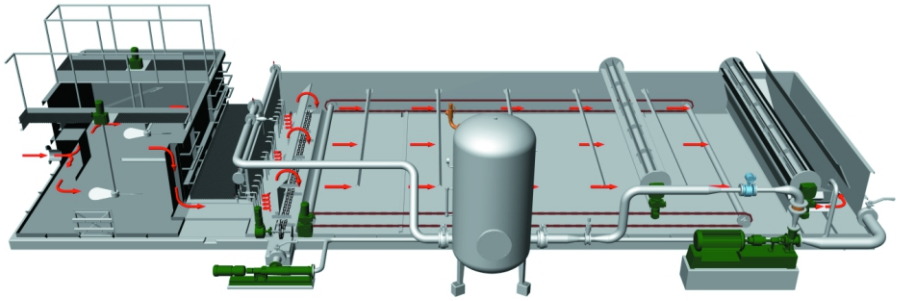
Leading dissolved air flotation technology

Key feature & benefits

- Reliable, proven technology: more than 400 installations worldwide
- Automatic sludge and water level control
- Single unit capacity up to 3000 m^3 / h
- Small footprint – low space requirement
- Savings in civil works and space

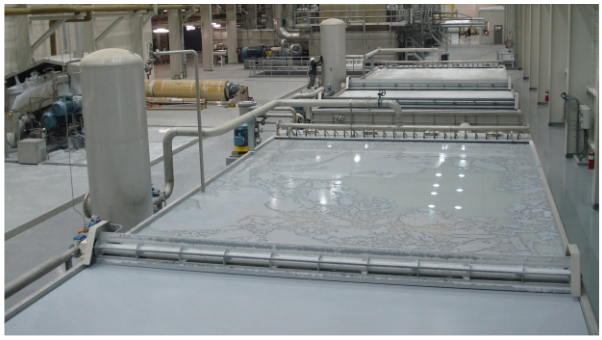
How to create value

- No need for external water recycling to stabilize inlet flow
- Excellent performance for fluctuating process water recycling
- Reduced operating expenditure



Applications in Water treatment

- Raw water treatment
- Drinking water treatment
- Raw material recovery
- Oil removal
- Grease separation
- Metal recovery
- Deinking process water
- Resin and extractive removal
- Paper machine white water treatment
- Paper machine save-all
- Waste water pre-treatment
- Secondary sludge removal
- Tertiary treatment
- Water reuse



Benefits & Features

- Single-level low construction
- Highly efficient dispersion water system
- Small footprint – low space requirement
- Savings in civil works and space
- High separation efficiency
- Good tolerance for hydraulic and solid variations
- Low maintenance requirements
- Lower overall capital expenditure
- Aftermarket care

Dissolved Air Flotation

Dissolved Air Flotation (also known as microflotation) is a well-known method of particle separation. Microbubbles are created by dissolving air into water under pressure. When the air-saturated pressurized water is released, microbubbles are formed.

Chemical, physical and electrical forces cause suspended solids and colloids to attach to one another and to air bubbles. These particle flocs then float to the water's surface and are scraped off. Coagulation and / or flocculation chemicals are used to enhance the process.